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APR 1 5 2005

PTO/SB/64 (U:FM)
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PETITION FOR REVIVAL OF AN APPLICATION FO	RPATENT	Docket Number (Optional	)
ABANDONED UNINTENTIONALLY UNDER 37 CFR		33-99 CIP	
First named inventor: Charles E. Palumbo II	ļ		
Application No.: 09/909,382	Art Unit: 2814		
Filed: July 20, 2001	Examiner: Randy	W. Gibson	
Title: I ASFR ALIGNMENT METHOD AND APPARATUS			
Attention: Office of Petitions Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (703) 872-9306	04/18/20 01 FC:25 02 FC:15 03 FC:24	94	989382 789.98 01 369.69 01 759.88 01
NOTE: If information or assistance is needed in corr Information at (703) 305-9282.	pleting this form, p	blease contact Petitions	
The above-identified application became abandoned for failure action by the United States Patent and Trademark Office. The da date of the period set for reply in the office notice or action plus at	te of abandonmen	t is the day after the expi	ice or ration
APPLICANT HEREBY PETITIONS FOR REVI	VAL OF THIS APF	PLICATION	
NOTE: A grantable petition requires the following iter (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - r filed before June 8, 1995; and for all designed. (4) Statement that the entire delay was unintered.	equired for all utilit on applications; an	ty <b>and</b> plant applications d	
1.Petition fee  ✓ Small entity-fee \$ 750.00 (37 CFR 1.17(m)). Applicant	claims small entity	status. See 37 CFR 1.27	7.
Other than small entity – fee \$(37 CFR 1.	17(m))	•	
Reply and/or fee     A. The reply and/or fee to the above-noted Office action the form of	n in (identi	fy type of reply):	
has been filed previously onis enclosed herewith.			
B. The issue fee and publication fee (if applicable) of \$ has been paid previously on is enclosed herewith.	1000.00		
(Prop. 1 of 2)			

Page 1 of 2]
This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USP)O to process) an application. Contidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this butten, should be sent to the Chief Information Office. U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FTO/SB/64 (09-04)
Approved for use through 07/31/2006, OMS 0651-0031
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Terminal disclaimer with disclaimer fee	
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A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) for other than a small entity) disclaiming the required perio PTO/SB/63).	d of time is enclosed herewith (see
<ol> <li>STATEMENT: The entire delay in filing the required reply from the filing of a grantable petition under 37 CFR 1.137(b) was uninten Trademark Office may require additional information if there is a abandonment or the delay in filing a petition under 37 CFR 1.13 subsections (III)(C) and (D)).]</li> </ol>	ational. [NOTE: The United States Patent and a guestion as to whether either the
WARNING: Information on this form may become public included on this form. Provide credit card information a	
	4-15-05
Signature	Date
•	
Joseph E. Chovanes	33,481  Registration Number, if applicable
Typed or printed name	Registration (dumber, il applicable
Suite 329, 5 Great Valley Parkway	610.648.3994
Address	Telephone Number
Malvern, PA 19355	
Address	
Enclosures: 🗸 Fee Payment	
Reply	
Terminal Disclaimer Form	•
✓ Additional sheets containing statements estable	ishing unintentional delay
Other: Ohange of Correspondence Address (Application)	
Olding of College Property	
CERTIFICATE OF MAILING OR TRANSM	ISSION [37 CFR 1.8(a)]
I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on postage as first class mail in an envelope addressed Patents, P. O. Box 1450, Alexandria, VA 22313-145	d to: Mail Stop Petition, Commissioner for
Transmitted by facsimile on the date shown below to Office as (703) 872-9306.	o the United States Patent and Trademark
Amel 45 2005	
April 15, 2005  Date	Signature
	Joseph E. Chovanes
Typed or pr	inted name of person signing certificate
	1
AT	

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.:

09/909,382

Filed:

07/20/2001

For:

LASER ALIGNMENT METHOD

AND APPARATUS

Art Unit:

2841

Examiner:

Randy W. Gibson

Atty Dkt.:

33-99 CIP

Attention: Office of Petitions

Mail Stop Petition

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

FAX (703) 872-9306

## Additional Statement in Support of the Petition for Revival of an Application Abandoned Unintentionally under 37 CFR §1.137(b)

- This statement is attached in support of the Petition For Revival of an Application Abandoned Unintentionally under 37 CFR 1.137(b). As more than twelve months have passed since the Application may have been abandoned, it is believed that an additional statement may be required by the Office under The Manual of Patent Examining Procedure 711.03(b).
- 2. It was first understood that the Application unintentionally went abandoned when the Transaction History on the Patent and Trademark Office website was reviewed (copy enclosed, as Exhibit "1".)

DATE OF DEPOST:

CHERPHY CHETTEY THAT THIS PAPER IS BEING SEAT VEA PACSIMILE TRANS MISSION

ON THE DATE INDICATED ABOVE AND IS
ADDRESSED TO:
COMMISSIONER OF PATENTS, P.O. Roy

min, VA 22313.

- A Notice of Allowance had been issued as a First Office Action. That
   Notice of Allowance was never received by the undersigned or by Applicant. Thus the
   Application went unintentionally abandoned.
- 4. The Notice of Allowance was apparently sent to the correspondence address on the case -- 2027 Locust Street, Philadelphia PA 19103. (See enclosed page, Exhibit "2", identifying correspondence address.) But that was not the correct correspondence address.
- 5. The correct correspondence address was the undersigned's address. That address was either 2047 Locust Street, Philadelphia, PA 19103, or, at or about the time of filing of the case, was a new, changed address Dilworth Paxson, 1735 Market Street, 3200 Mellon Bank Center, Philadelphia PA 19103.
- 6. The correspondence address has changed again, as seen below, and a notice of change of correspondence address is provided herewith (Exhibit "3").
- 7. Thus either the 2047 Locust Street address or the Dilworth address would have been the appropriate address on the case.
- 8. The incorrect address was apparently inadvertently and unintentionally placed on the papers at the time the case was filed (see copies of the filing papers, enclosed at Exhibit "4".) The undersigned did not notice the error at the time he signed the filing papers.
- 9. As noted above, the undersigned began his association with the Dilworth firm at or about the time this case was filed. An experienced paralegal was employed at that firm, who prepared the filing papers, as well as subsequently docketed the case.

The paralegal has since left that firm, and the undersigned cannot obtain any further particulars from that paralegal or the Dilworth firm.

- 10. Any failure to file the Notice of Allowance was unintentional, and any delay in filing this Petition is also unintentional. Applicant's attorney has acted as expeditiously as possible in filing this Petition, once the status of the Application was ascertained.
- 11. Applicant is also unable to enclose an appropriate reply to the Notice of Allowance, as it was never received, but does enclose the fee for same herewith.
- 12. Therefore, for the reasons given above, it is respectfully requested that this Petition be granted and the Application be forwarded to the proper Office for further processing.

Respectfully submitted,

Joseph E. Chovanes

Registration No. 33,481

Suite 329

5 Great Valley Parkway

Malvem, PA 19355

(610) 648-3994

## EXHIBIT "1" TRANSACTION HISTORY FROM PTO WEBSITE

Page 1 of 1

Printer Friendly

09/909,382 LASER ALIGNMENT METHOD AND APPARATUS

Transaction History

Date	Contents Description			
10-01-2003	Mail Abandonment for Failure to Pay Issue Fee			
10-01-2003	Abandonment for Failure to Pay Issue Fcc			
07-20-2001	Workflow - Drawings Finished			
07-20-2001	Workflow - Drawings Matched with File at Contractor			
07-10-2003	Receipt into Pubs			
06-02-2003	Workflow - File Sent to Contractor			
05-30-2003	Receipt into Pubs			
05-29-2003	Mail Notice of Allowance			
05-27-2003	Notice of Allowance Data Verification Completed			
05-27-2003	Notice of Allowability			
03-08-2002	Case Docketed to Examiner in GAU			
02-21-2002	Application Dispatched from OIPE			
02-20-2002	Application Is Now Complete			
02-08-2002	Additional Application Filing Fees			
02-08-2002	An assertion that the nature of the legal entities having property rights to the patent authorizes t			
02-08-2002	A statement by one or more inventors satisfying the requirement under 35 USC 115, Oath of the Applic			
08-08-2001	Notice MailedApplication IncompleteFiling Date Assigned			
08-07-2001	Correspondence Address Change			
07-31-2001	IFW Scan & PACR Auto Security Review			
07-20-2001	Initial Exam Team on			

Close Window

## EXHIBIT "2" IDENTIFYING CORRESPONDENCE ADDRESS

Page 1 of 1

Printer Friendly

09/909,382

LASER ALIGNMENT METHOD AND APPARATUS

Correspondence Details

	Correspondence Address					
Name:	Name: Joseph E. Chovanes					
Addres	Address: 2027 Locust Street Philadelphia PA 19103					
	Attorney/Agent Information					
Reg#		Phone				
33481	СН	OVANES, JOSEPH	610-648- 3994			

Close Window

# EXHIBIT "3" NOTICE OF CHANGE OF CORRESPONDENCE ADDRESS

**CHANGE OF** 

CORRESPONDENCE ADDRESS

Application

PTO/SR/122 (09-04)

Charles E. Palumbo II

D7/20/2001

Filing Date

Application Number

First Named Inventor

Address to:	Art Onit				
Commissioner for Patents P.O. Box 1450	Examiner Name	Randy W. Gibson			
Alexandria, VA 22313-1450	Attorney Docket Number	33-99 CIP			
Please change the Correspondence Address  The address associated with Customer Number:	for the above-identified patent applica	tion to:			
OR	··· .	1			
Firm or Joseph E. Chovanes, Es	sq.				
Address Suite 329					
City Malvern	State PA	Zip 19355			
Country <sub>USA</sub>	<u> </u>				
Telephone 610.648.3994	Fax 610.648.3997	The state of the s			
This form cannot be used to change the data data associated with an existing Customer No.					
Applicant/Inventor					
Assignee of record of the entire Statement under 37 CFR 3.73(	e interest. b) is enclosed. (Form PTO/SB/96).				
Attorney or agent of record. Re	Attorney or agent of record. Registration Number 33,481				
	in the application transmittal letter in ar see 37 CFR 1.33(a)(1). Registration Nu				
Signature		1 1 1741 2 1844 <del>8188 888</del>			
Typed or Printed Name Joseph E. Chovenes					
Date April 15, 2005	Теlephone 610.648.3994				
NOTE: Signatures of all the inventors or assignees of record of the forms if more than one signature is required, see below".	e entire interest or their representative(s) are requ	uired. Submit multiple			
Tutid offorms are submitted.					

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for requiring this burden, should be gent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FFES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## EXHIBIT "4" VARIOUS COPIES OF FILING PAPERS

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PTO/SB/05 (11-00)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 33-99 CIP UTILITY First Inventor Charles E. PALUMBO, II PATENT APPLICATION LASER ALIGNMENT METHOD AND APPARATUS TRANSMITTAL Title Express Mail Label No. EL875326731US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: Box Patent Application Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g. PTO/SB/17) Computer Program (Appendix) (Submit an original and a duplicate for fee processing) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status, 2. 🕱 (if applicable, all necessary) Sec 37 CFR 1.27. ] Computer Readable Form (CRF) 3. ⊠ [Total Pages 17] Specification J Specification Sequence Listing on: (preferred arrangement set forth below) CD-ROM or CD-R (2 copies); or i. 🗆 Descriptive title of the invention Cross Reference to Related Applications ii. 🗀 c. [ ] Statements verifying identity of above copies Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix ACCOMPANYING APPLICATION PARTS Background of the Invention Assignment Papers (cover sheet & document(s)) Brief Description of the Drawings (if filed) 37 CFR 3.73(b) Statement [ ] Power of 10. f Detailed Description (when there is an assignee) Attorney Claim(s) English Translation Document (if applicable) 11.[ Abstract of the Disclosure [ ] Copies of IDS Information Disclosure 12. [ ] 4. 🖾 Drawing(s) (35 U.S.C. 113) [Total Pages 14] Statement (IDS)/PTO-1449 Citations Preliminary Amendment 13. [ 5. Oath or Declaration [Total Pages 1 Return Receipt Postcard (MPFP 503) 14. [X] a. [ ] Newly executed (original or copy) (Should be specifically itemized) Certified Copy of Priority Document(s) b. | | Copy from a prior application (37 CFR 1.63(d)) 15.[] (if foreign priority is claimed) (for continuation divisional with Box 18 completed) Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). DELETION OF INVENTOR(S) i. 16. [ ] Applicant must attach form PTO/SB/35 □ Signed statement attached deleting inventor(s) or its equivalent. named in the prior application (see 37 CFR) 17. [ ] Other: 1.63(d)(2) and 1.33(b) [ ] Application Data Sheet. See 37 CFR 1.76 6. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: of prior application No.: 09/326,424 [X] Continuation-in-part (CIP) [ ] Divisional | | Continuation Group Art Unit: 2859 Examiner: R. Gibson Prior application information: For CONTINUATION OR DIVISIONAL APPS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relief upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS or [X] Correspondence address below (Insert Customer No. or Attach bar code label here) [ ] Customer Number or Bar Code Label Joseph E. Chovanes Name 2027 Locust Street Address 19103 Pennsylvania Zip Code State Philadelphia City บร Country 33,481 Registration No. (Attorney/Agent) Joseph E. Chovanes Name (Print/Type) July 20, 2001 Signature

CERTIFICATION UNDER 37 CFR § 1.10

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the U.S. Postal Service on 07/20/2001, in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR § 1.10, Mailing Label Number EL875326405US addressed to the Assistant Commissioner for Patents, Washington, UC 20231.

PTO/SB/17 (11-00)

Approved .... use through 10/31/2002. OMB 0651-0032

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The Patent Office acknowledges and has stamped hereon

the date of receipt of the following items:

(1) Patent Application (13 pgs. SPEC; 3 pgs. CLAIMS; 1 pg. ABST); (2) Appl. TNS; (3) Fee TNS; (4) 14 Drawings Sheets

(5) Check for filing fees \$355;

EXPRESS MAIL LABEL NO.: CERTIFICATE OF MAILING: July 20, 2001

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PAGE 16/18 \* RCVD AT 4/15/2005 3:53:44 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/4 \* DNIS:8729306 \* CSID: \* DURATION (mm-ss):05-08

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Assistant Commissiones for Patents Weshington, p. 20211 20211 202-22311, www.usps.com	TO: Outset smart.	SEE REVIEW OGE DOWNINGS  SEERINGE GUARN REE AND MINITS ON INSURFANCE CONTRANGE  ON INSURFANCE CO
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## LASER ALIGNMENT METHOD AND APPARATUS

## CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation in part of U.S. Serial No. application Ser. No. 09/326,424, entitled "LASER ALIGNMENT METHOD AND APPARATUS" filed on 06/04/99, by Charles E. Palumbo, II, which disclosure is incorporated herein by reference.

## Background of the Invention

This invention relates to apparatus and methods used regarding alignment of pipe and other materials. More particularly, it relates to laser apparatus and methods used in the alignment of pipe and other materials.

The use of lasers in the alignment of pipe and other materials is of course known in the art. One method is to use a reference beam of light generated by a laser in combination with a reference marker or target in order to provide a straight line along which to establish the desired paths of the pipe. This ensures alignment along the laser beam or at the target's reference point remote from the laser because of the straight line accuracy of the laser beam. The use of the target, however, is in many cases less than convenient, especially where only a single worker is operating the system, as may be the case when laying sprinkler pipe or other pipe in indoor construction. Moreover, the laser used in this method is a gas laser. Gas lasers are themselves unwieldy, requiring high levels of power, which makes use difficult in handheld operations.

What has been lacking to date are simple and inexpensive apparatus and methods for the alignment of pipe and other material. This lack is especially acute in pipe alignment in internal construction, for example, such as in sprinkler pipe systems for warehouses. These pipe systems, usually comprised of branch lines running outwardly from a main or mains, are often laid in a grid pattern or at right angles.